



ITERA

Section 24(c) Special Local Need Label

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF
MICHIGAN**

Dual MAGNUM[®]

EPA Reg. 100-816
EPA SLN No. MI-060004

KEEP OUT OF REACH OF CHILDREN

CAUTION

**SYNGENTA'S SPECIAL CONDITIONS, RISKS OF USE AND DISCLAIMER FOR USE
OF DUAL MAGNUM ON CROPS ON THIS 24C LABEL**

IMPORTANT- READ BEFORE USE

**THESE CONDITIONS RISKS OF USE AND DISCLAIMER ARE REQUIRED BY
SYNGENTA CROP PROTECTION INC AND NOT SPECIFIED BY U.S. EPA OR THE
STATE OF MICHIGAN**

Labeling may be obtained through the Special Labels link at www.farmassist.com.

**FOR CONTROL OF WEEDS IN ASPARAGUS, TRANSPLANTED BELL PEPPER,
TRANSPLANTED BROCCOLI, TRANSPLANTED BRUSSELS SPROUT, TRANSPLANTED
CABBAGE, CARROT, TRANSPLANTED CAULIFLOWER, TRANSPLANTED CELERY,
TRANSPLANTED CHINESE CABBAGE, DAIKON RADISH, DRY BULB ONION,
TRANSPLANTED EGGPLANT, GARDEN BEET, GREEN ONION, HORSERADISH, LEEK,
PARSNIP, RADISH, RHUBARB, RUTABAGA , SPINACH, SWISS CHARD, AND TURNIP.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SYNGENTA CROP
PROTECTION, INC. INTENDS THAT THE PRODUCT THAT IS THE SUBJECT OF THIS
SECTION 24C LABEL BE PURCHASED ONLY BY END USERS WHO AGREE BY
ELECTRONIC SIGNATURE ON SYNGENTA CROP PROTECTION'S INTERNET SITE TO
THE TERMS AND CONDITIONS REQUIRED BY SYNGENTA CROP PROTECTION, INC.
INCLUDING A WAIVER AND RELEASE FROM ALL LIABILITY AND INDEMNIFICATION BY
THE USER AND/OR GROWER OF SYNGENTA AND OTHERS FOR FAILURE TO PERFORM
AND FOR CROP INJURY, CROP YIELD REDUCTION, AND/OR CROP LOSS FROM USE
OF DUAL MAGNUM ON CROPS ON THIS 24(C) LABEL. IF SUCH TERMS AND
CONDITIONS ARE UNACCEPTABLE, RETURN THE DUAL MAGNUM AT ONCE
UNOPENED OR USE THE DUAL MAGNUM FOR A DIFFERENT APPROVED USE IN
ACCORDANCE WITH THE LABEL AFFIXED TO THE PRODUCT CONTAINER.**

USE OF DUAL MAGNUM (THE “PRODUCT”) ON CROPS LISTED (THE “CROP”) FOR THIS SPECIAL LOCAL NEED MAY RESULT IN CROP INJURY, CROP YIELD REDUCTION AND/OR CROP LOSS AS FURTHER DISCUSSED BELOW. READ AND UNDERSTAND THESE CONDITIONS AND RISKS OF USE FOR SPECIAL LOCAL NEED BEFORE USING THE PRODUCT ON THE CROP. SYNGENTA RECOMMENDS THAT THE USER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

Syngenta Crop Protection, Inc. makes the Product available for use in the manner described in this Supplemental Labeling on the basis that, in the sole opinion of the user, the benefits and utility derived from the use of the Product on the Crop outweigh the potential risk of Crop injury, Crop yield reduction or Crop loss. The decision to use this Product in the manner described in this Supplemental Labeling must be made by each individual user on the basis of anticipated benefits versus (i) the potential risk of Crop injury, Crop yield reduction and Crop loss, (ii) the severity of the target pest infestation, (iii) the cost and availability of alternative pest controls and (iv) any other relevant factors. Syngenta recommends that the user test this Product to determine its suitability for such intended use.

By purchasing the Product for use, or using the Product in the manner described in this Supplemental Labeling, you acknowledge and accept that:

- 1) you assume all risk of Crop injury, Crop yield reduction and Crop loss;
- 2) Syngenta Crop Protection, Inc. do not make, and do not authorize any agent or representative to make, any representations or recommendations regarding the use of this Product on the Crop other than the statements on this Supplemental labeling;
- 3) Syngenta Crop Protection, Inc. do not make, and do not authorize any agent or representative to make, any warranties, express or implied, with respect to the use of the Product on the Crop and disclaim all warranties, expressed or implied, including any implied warranty of merchantability;
- 4) Syngenta Crop Protection, Inc. disclaim all liability for any damages, losses, expenses, claims or causes of actions arising out of or relating to Crop injury, Crop yield reduction and/or Crop loss;
- 5) these conditions and Risks of Use for Special Local Need supersede any contrary representations or recommendations by Syngenta Crop Protection, Inc. or their respective agents or representatives, and any provisions in or on any Product literature or labeling including any provisions on the label affixed to the Product container.

If these Conditions and Risks of Use for Special Local Need are not acceptable, the unopened Product may be returned to the seller for a refund or used for a different labeled use in accordance with the label affixed to the Product container.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Follow all applicable directions, restrictions, and precautions including statements pertaining to the Worker Protection Standards, on the EPA-registered Dual MAGNUM label.

This labeling must be in the possession of the user at the time of herbicide application.

Dual MAGNUM will not control emerged weeds. For effective weed control, Dual MAGNUM must be applied to clean-tilled soil.

ASPARAGUS

Apply a single broadcast treatment of Dual MAGNUM at 1.33 - 2.0 pt/A after the harvest season (i.e. post-harvest treatment), or to dormant established asparagus beds in the spring, prior to asparagus emergence. Within this rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. A band application may also be used, applying proportionally less spray mixture on the area actually treated. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 2.0 pt/A of Dual MAGNUM per crop.
3. Do not harvest asparagus within 16 days of the Dual MAGNUM application.

TRANSPLANTED BELL PEPPER

Apply Dual MAGNUM at a broadcast rate of 0.5-1.0 pt./A preplant non-incorporated prior to transplanting or broadcast post-emergence application within 48 hours after transplanting. Use lower rates on coarse-textured soils and higher rates on fine-textured soils. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury is less with post-transplant applications than from pre-transplant surface applications, and the risk of crop injury is less with post-directed than from post over-the-top applications. To minimize the risk of crop injury, apply as a post-directed spray in a way that minimizes contact with the crop foliage.
2. Preplant incorporated applications are not recommended due to an increased risk of crop injury
3. Muck soils (>20%) normally require the higher use rate (1.0 pt./A), however, weed control may be reduced on muck soils
4. The use of a spray adjuvant or the addition of another registered herbicide as a tank mixture with Dual MAGNUM will increase the risk of crop injury from postemergence applications.
5. The application of Dual MAGNUM prior to bed formation may result in crop injury due to concentration of Dual MAGNUM near the transplanted crop's root system.

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 1.0 pt/A of Dual MAGNUM per crop.
3. Do not harvest peppers within 60 days of the Dual MAGNUM application.

**TRANSPLANTED BROCCOLI, BRUSSELS SPROUT, CABBAGE, CAULIFLOWER
AND CHINESE CABBAGE**

Apply Dual MAGNUM at a broadcast rate of 0.5-1.33 pt./A preplant non-incorporated prior to transplanting or broadcast postemergence application within 48 hours after transplanting. Use lower rates on coarse textured soils and higher rates on fine textured and muck soils. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury from the use of Dual MAGNUM is less with post-transplant applications than from pre-transplant applications, and the risk of crop injury is less with post-directed than from post over-the-top post-transplanting applications.
2. The application of Dual MAGNUM prior to bed formation may result in crop injury due to the incorporation and/or concentration of Dual MAGNUM near the transplanted crop's root system.
3. Muck soils require the higher use rates; however, weed control may be reduced on muck soil.
4. The use of a spray adjuvant, or the addition of another registered herbicide, especially the herbicide Goal[®] will increase the risk of crop injury from postemergence applications.
5. Chinese varieties are more sensitive to injury from Dual MAGNUM.

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 1.33 pt/A of Dual MAGNUM per crop.
3. Do not mechanically incorporate Dual MAGNUM before transplanting.
4. Do not harvest these crops within 60 days of the Dual MAGNUM application.

CARROT

Make a single broadcast application of Dual MAGNUM at 0.5 - 1.0 pt./A pre-emergence (after planting but prior to carrot emergence) to clean-tilled soil. Use lower rates on medium-textured soils and higher rates on fine-textured soils. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Carrots grown on muck soils (>20% OM): Make a single broadcast application of Dual MAGNUM at 1.33 to 2.0 pt./A to the soil surface after planting, but before weeds and crop emerge (i.e., pre-emergence). Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. To help avoid crop injury, do not apply Dual MAGNUM in areas where water is likely to "pond".

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 1.0 pt./A of Dual MAGNUM per crop to carrots grown on mineral soils.
3. Do not apply more than 2.0 pt./A of Dual MAGNUM per crop to carrots grown on muck soils (>20% OM).
4. Harvest carrots at normal timing.

TRANSPLANTED CELERY

Apply Dual MAGNUM at 1.0 - 2.0 pt./A as a broadcast pre-plant surface applied or as a pre-plant incorporated application prior to transplanting or broadcast post-emergence application after transplanting. Use lower rates on coarse-textured soils and higher rates on fine-textured or muck soils. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury from the use of Dual MAGNUM is less with post-transplant applications than from pre-transplant applications, and the risk of crop injury is less with post-directed than from post over-the-top post-transplanting applications.
2. For applications made before transplanting, injury risk is greater from preplant incorporated than from preplant non-incorporated applications.
3. The use of a spray adjuvant or the addition of another registered herbicide as a tank mixture with Dual MAGNUM will increase the risk of crop injury from post-emergence applications.
4. The application of Dual MAGNUM prior to bed formation may result in crop injury due to concentration of Dual MAGNUM near the transplanted crop's root system.

Restrictions:

1. Multiple applications to the same crop are allowed, but the total amount of Dual MAGNUM applied must not exceed 2.0 pt./A.
2. Do not harvest celery within 62 days of the Dual MAGNUM application.

ONION, DRY BULB

Apply Dual MAGNUM at 0.67 - 1.33 pt./A broadcast starting at the two true-leaf stage of onions. Use lower rates on coarse-textured soils and higher rates on fine-textured soils. One additional application may be applied 21 or more days after the first application, if needed. A band application may also be used, applying proportionally less spray mixture on the area actually treated. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates.
2. The use of a spray adjuvant, or the addition of another registered herbicide as a tank mixture with Dual MAGNUM, will increase the risk of crop injury.

Restrictions:

1. Make no more than two applications of Dual MAGNUM per crop.
2. Apply not more than 1.33 pt./A in a single application and not more than 2.67 pt./A per crop.
3. The Dual MAGNUM applications cannot be less than 21 days apart.
4. Do not harvest onions within 60 days of the Dual MAGNUM application.

TRANSPLANTED EGGPLANT

Apply a broadcast application of Dual MAGNUM at 0.5-1.33 pt./A prior to transplanting or as a broadcast application within 48 hours after transplanting. Use lower rates on coarse-textured soils and higher rates on fine-textured and muck soils. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates.
2. Do not mechanically incorporate before transplanting
3. The use of a spray adjuvant, or the addition of another registered herbicide as a tank mixture with Dual MAGNUM, will increase the risk of crop injury.

Restrictions:

1. Make no more than one application of Dual MAGNUM per crop.
2. Do not apply more than 1.33 pt./A of Dual MAGNUM per crop.
3. Do not harvest eggplant within 60 days of the Dual MAGNUM application.

DAIKON RADISH, GARDEN BEET, PARSNIP, RADISH, TURNIP, RUTABAGA

Make a single broadcast application of Dual MAGNUM at 0.67 - 1.0 pt./A preplant incorporated, preplant surface applied, or preemergence to clean-tilled soil. Use lower rates on coarse-textured soils and higher rates on fine-textured soils. If the soil organic matter is 20% or greater (muck soils), use Dual MAGNUM at a rate up to 1.33 pt./A. In general, the risk of crop injury from the use of Dual MAGNUM is greater from preplant incorporated than from preplant non-incorporated or preemergence applications. Irrigate after application to activate the herbicide if rainfall is not expected, but use only 0.5 inches of water to incorporate the herbicide.

Precautions:

1. Excessive irrigation will increase the risk of crop injury.
2. Mechanical incorporation of Dual MAGNUM will increase the risk of crop injury.
3. It is recommended not use Dual MAGNUM if the planting operation creates a furrow or trough over the seed-row into which rain or irrigation water will collect and thus concentrate the herbicide over the row.
4. Not recommended on coarse textured soils with less than 1.5 % OM, as use in these soils increases the risk of crop injury.
5. In soils with greater than 10% organic matter, weed control may be reduced.

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 1.33 pt./A of Dual MAGNUM per crop.
3. Harvest these crops at normal timing.

GREEN ONION

Apply a postemergence broadcast application of Dual MAGNUM at 0.67-1.33 pt./A starting at the two true-leaf stage of the green onions. Within that rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. A band application may also be used, applying proportionally less spray mixture on the area actually treated. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates.
2. The use of a spray adjuvant, or the addition of another registered herbicide as a tank mixture with Dual MAGNUM, will increase the risk of crop injury.

Restrictions:

1. Make only one application of Dual Magnum per crop.
2. Do not apply more than 1.33 pt./A of Dual MAGNUM per crop.
3. Do not harvest onions within 21 days of the Dual MAGNUM application.

HORSERADISH

Apply a single application of Dual MAGNUM at a broadcast rate of 1.0 – 1.33 pt./A to the soil surface after planting, but before weeds or crop emerge (i.e., preemergence). Use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. A band application may also be used, applying proportionally less spray mixture on the area actually treated. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Restrictions:

1. Make only one application of Dual Magnum per crop.
2. Do not apply more than 1.33 pt./A of Dual MAGNUM per crop.
3. Harvest horseradish at normal timing.

LEEK

Apply Dual MAGNUM at a rate of 0.67 – 1.33 pt./A to leek at the 2 leaf stage, but before weeds emerge. Use lower rates on soils relatively coarse-textured and higher rates on fine-textured or muck soils. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates.
2. The use of a spray adjuvant, or the addition of another registered herbicide as a tank mixture with Dual MAGNUM, will increase the risk of crop injury.

Restrictions:

1. Make only one application of Dual Magnum per crop.
2. Do not use on coarse textured soils with less than 1% OM.
3. Do not apply more than 1.33 pt./A of Dual MAGNUM per crop.
4. Do not harvest leeks within 21 days of the Dual MAGNUM application.

RHUBARB

Apply Dual MAGNUM at a broadcast rate of 0.67 - 1.33 pt./A to the soil surface in early spring, prior to crop emergence. Use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. A band application may also be used, applying proportionally less spray mixture on the area actually treated. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 1.33 pt./A of Dual MAGNUM per crop.
3. Do not harvest rhubarb within 62 days of the Dual MAGNUM application.

SPINACH

Make a single broadcast application of Dual MAGNUM at 0.33 - 1.0 pt./A to clean-tilled soil before weeds or crop emerge (i.e., preemergence). Use lower rates on coarse-textured soils and higher rates on fine-textured soils.

Precautions:

1. To help avoid crop injury, it is recommended that the Dual MAGNUM not be mechanically incorporated.
2. Not recommended on muck soils due to probable poor weed control at these rates.
3. For irrigated spinach, irrigate with sprinkler or furrow irrigation within two days of Dual MAGNUM application.

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 1.0 pt./A of Dual MAGNUM per crop.
3. Do not harvest spinach within 50 days of the Dual MAGNUM application.

SWISS CHARD

Apply a single broadcast application of Dual MAGNUM at 0.5 to 1.0 pt./A to the soil surface after planting, but before weeds or crop emerge (i.e., preemergence). Use lower rates on relatively coarse-textured soils and higher rates on fine-textured soils. A band application may also be used, applying proportionally less spray mixture on the area actually treated. Dual MAGNUM will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

Precautions:

1. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates.
2. The use of a spray adjuvant, or the addition of another registered herbicides, nitrogen or fertilizer solutions as a tank mixture with Dual MAGNUM, will increase the risk of crop injury.

Restrictions:

1. Make only one application of Dual MAGNUM per crop.
2. Do not apply more than 1.0 pt./A of Dual MAGNUM per crop.
3. Do not harvest Swiss chard within 62 days of the Dual MAGNUM application.

Expires August 7, 2011

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24(c) Registrant:

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